

INDEX TO VOLUME 105 OF THE AMERICAN JOURNAL
OF PHARMACY

AUTHORS

PAGE	PAGE		
Beal, George Denton— Advances in Pharmacy Through Scientific Research	99	Cox, John Robert— The Chemical Composition of Certain Foods	547
Bernstein, Mitchell— The Physician and the Phar- macist—Editorial	257	Davy, E. D.— A Collaborative Comparison of Five Opium Assay Procedures	458
Bliss, A. Richard, Jr.— An Investigation of the Diuretic Properties of Watermelon Juice	53	Ewe, Geo. E.— Some Effects of Heat on Chlor- amine T, U. S. P.	296
A Collaborative Comparison of Five Opium Assay Procedures	458	Fegley, N. Albert— The Chemical Composition of Certain Foods	547
Blome, W. H.— A Collaborative Comparison of Five Opium Assay Procedures	458	Ferrante, J.— The Identification of Carbonyl Compounds with 2:4-Dinitro- phenylhydrazine	381
Bloom, Albert— The Identification of Carbonyl Compounds with 2:4-Dinitro- phenylhydrazine	381	Fulton, Charles C.— A Test for Phenols and for Copper	25
The Indicator Properties of p-Nitrophenyl-Acetyl-Hydra- zine, 2,4-Dinitrophenyl-Acetyl- Hydrazine and 2,4,6-Trinitro- phenyl-Acetyl-Hydrazine ...	551	A Test for Aspirin, Salicylic Acid and Manganese	59
Brosnan, Lorenz J.— The Pharmacist's Liability for Negligence in Prescription Compounding	594	Beta Naphthol Test for Copper	62
Cook, E. Fullerton— Recent Developments in Phar- macopoeial Vitamin Standard- ization	583	The Identification of Cocaine and Novocaine	326
		The Identification of Cocaine and Novocaine	374
		The Microscopic Identification of Heroin	436
		The Production of Pseudomor- phine From Morphine	503
		Sketch of the Properties of Pseudomorphine	511

PAGE	PAGE		
Germuth, Frederick G.— Accelerated Production of Specific Urinary Pigments by Drug Administration	30	Texts From a Chemistry Lecture—Editorial	571
Gershenfeld, Louis— Control of the Traffic in and the Labeling of Ampuls and Medicaments for Parenteral Administration—Editorial ...	155	“Science Draws Veil Off Creation”—Editorial	485
The Microscope in Pharmacy ..	588	From Original, Very Original, Sources—Editorial	487
Bactericidal Efficiency of 2 Per Cent. Phenol Ointments	186	Botanical Research—Editorial	531
Ointment Bases for Bactericidal Agents	194	Hansche, Rachel— A Study of the Properties of Psyllium Seed	433
The Air We Breathe	262	Harrisson, Jos. W. E.— Report of the Committee on Drug Market to the Pennsylvania Pharmaceutical Association Convention	453
The Bactericidal Efficiency of Menthol and Camphor	490	Harvey, Ellery H.— The Absorption Spectrum of Tetiothalein Sodium	199
Grantham, R. I.— Report of the Committee on Drug Market to the Pennsylvania Pharmaceutical Association Convention	453	Measurement of the Radiation Output of Ultra Violet Lamps	36
Griffith, Ivor— 1932—The Forward March of Science—Editorial	1	Heacock, Edna— A Method for Determining the Germicidal Power of Products Which Have a High Bacteriostatic Activity	241
An Unusual State Ceremony—Editorial	49	Hepburn, Joseph Samuel— The Chemical Composition of Certain Foods	547
Silver Threads Among the Gold, Being the Story of Human Hair	159	Hoch, J. Hampton— Notes on Cascara—Preliminary Report	64
Advertisitis—Editorial	209	Kilmer, Fred B.— Technocracy and the Drug Store—Editorial	95
Apple Laundering—Editorial ..	315	Gardening With Herbs for Flavor and Fragrance. By Helen Morgenthau Fox—Book Review	207
Urine and Urinanalysis. By Louis Gershenfeld — Book Review	370	Binding Up Wounds—Editorial	260
The New Deal for Food and Drug Control—Editorial	429		

	PAGE		PAGE
Wanted—A Leader—Editorial.	318	A Collaborative Comparison of Five Opium Assay Procedures	458
Pharmacy and State Medicine —Editorial	371	Nichols, Adley B.— Principles of Pharmacy. By H. B. Mackie—Book Review ..	152
How Plants Get Their Names. By L. H. Bailey—Book Re- view	529	Textbook of Pharmaceutics. By A. O. Bentley—Book Re- view	153
The Shape of Things to Come —Wells—Book Review	606	Oakley, Margarethe— Comparative Study of the As- says of Cinchona Bark	535
Kramer, John E.— The Apothecary in the Bible and Religious Lore	554	Olsen, Paul C.— Purchasing Policies and Prac- tices of Chain Drug Compa- nies. By Ernest F. Witte— Book Review	205
Kremers, Edward— The Apothecary, a Literary Study	514	Osol, Arthur— The Indicator Properties of p-Nitrophenyl-Acetyl-Hydra- zine, 2,4-Dinitrophenyl-Acetyl- Hydrazine and 2,4,6-Trini- trophenyl-Acetyl-Hydrazine .	551
LaWall, Charles H.— Eating in All Languages	213	Pines, C. C.— The Story of Abrasives	385
Leonard, George F.— A Method for Determining the Germicidal Power of Prod- ucts Which Have a High Bac- teriostatic Activity	241	Fluorescence	563
McMurray, R. L.— Achillea Millefolium, <i>Linné</i> ..	573	Prather, E. O., Jr.— An Investigation of the Diuretic Properties of Watermelon Juice	53
Mendelsohn, Simon— Tartrate Substances Used in Baking Powders	301	Read, Emerson Augustine— The Chemical Composition of Certain Foods	547
Miller, Ruth E.— Bactericidal Efficiency of 2 Per Cent. Phenol Ointments	186	Roberts, J. G.— Report of the Committee on Drug Market to the Pennsyl- vania Pharmaceutical Asso- ciation Convention	453
Ointment Bases for Bacteri- cidal Agents	194		
The Bactericidal Efficiency of Menthol and Camphor	490		
Morrison, Robert W.— An Investigation of the Diuretic Properties of Watermelon Juice	53		

PAGE	PAGE		
Rosenberger, J. Mervin— Report of the Committee on Drug Market to the Pennsylvania Pharmaceutical Association Convention	453	Tschirch, A.— Is Galenical Pharmacy a Sci- ence?	441
Rosin, Joseph— A Collaborative Comparison of Five Opium Assay Proce- dures	458	Viehoever, Arno— Yeast—in Welfare and Indus- try	114
Sohn, Keum Sung— The Chemical Composition of Certain Foods	547	Wallace, Richard Franklin— The Chemical Composition of Certain Foods	547
Still, E. U.— A Study of the Properties of Psyllium Seed	433	Whitebread, Charles— Animal Pharmaceuticals of the Past and Present	467
Stroup, F. P.— Organic Chemistry. By G. Al- bert Hill—Book Review ...	47	Williams, G. D.— The Microscopic Identification of Heroine	436
An Introduction to Organic Chemistry. By Ira D. Garard —Book Review	48	Wood, Horatio C., Jr.— The Mode of Action of Drugs on Cells. By A. J. Clark— Book Review	482
Gold—A King and a Servant..	76	Vitamins	14
Swain, Robert L.— Education—Seen in Terms of Obligation	70	Wruble Milton— Studies in Percolation (I)	244
Tice, Linwood F.— A Simplified and More Efficient Method for the Extraction of Capsaicin Together With the Colorimetric Method for Its Quantitative Determination in Capsicum Fruit and Oleoresin	320	Studies in Percolation (II) ...	289
		Studies in Percolation (III) ...	340

SUBJECTS

PAGE	PAGE
Abrasives, The Story of	384
Acetphenetidin, Stabilizer	603
Acacia, Spectroscopy of	419
Achillea Millefolium	573
Acid, Boric, Poison	38
Acid, Linoleic	576
Acid, Maleic, Anti Rancidity ...	147
Acid, Pantothenic	528
Acriflavine	426
Adrenalin, Decomposition of ...	427
Adrenalin Sprays	423
Advertising Cleans House	200
Advertisitis	209
Agar Agar and Paraffine Emulsions	519
Air Conditioning	286
Air We Breathe	262
Alchemic Manuscript, Catalog of	261
Aldehyde Tests	365
Allergy	285
Aluminum Toxicity	201
Ampuls, Labeling of, and Control	155
Amylase in Saliva	570
Amytal Treatment of Strychnine Poisoning	369
Anæsthetics Mouse Tests	426
Animal Drugs, Past and Present	467
Antiseptic, Definition	39
Apple Laundering	315
Apothecary, A Literary Study ..	514
Apothecary in the Scriptures ..	554
Argyria	484
Arthritis and Sulphur	569
Aspirin in Water, Decomposition of	418
Aspirin, Test for	59
Avertin	250
Bacteriophage	13
Baldness	177
Bases, Ointment for Bactericidal Agents	194
Beer, Caloric Value of	314
Benzidine	363
Beta-Naphthol Test for Copper ..	62
Bismuth Color Reactions	420
Bismuth Magma	424
Blood, Tobacco and Carbon Monoxide in	203
Boerner, Emil L.—Deceased ...	312
Book Reviews ...	47, 48, 152, 153, 205, 207, 307, 370, 482, 529, 605
Boric Acid Poison	38
Botanical Research	531
Burns, Tannin Treatment of ...	252
Calcium	89
Camphor and Menthol, Bactericidal Efficiency of	490
Camphor of Commerce	367
Cancer, Coal Tar	43
Capsaicin, Isolation of	321
Capsicum Assay	320
Carbon Monoxide, Antidotes ...	601
Carborundum	411

PAGE	PAGE		
Carotene—Vitamin A	486	Dicodid	567
Cascara, Bibliography	69	Dictionary of Animal Drugs	471
Cascara, Notes on	64	Diethylsulfonmethylethylmethane, and Bile Pigments	30
Castor Oil Aromatic	423	Digitalis Thapsi, Histology of ..	426
Castor Oil Soap	479	Dilaudid	567
Chemistry, Organic, Hill and Kelly—Book Review	47	Dinitrophenol	599
Chemistry, Organic, Introduction to, Garard—Book Review ..	48	Dinitrophenol in Obesity	568
Chloramine T, Effects of Heat on	296	Dinitrophenylhydrazine, Identifi- cation of Carbonyl Com- pounds With	381
Chlorine in Therapy	145	Disinfectant, Definition	39
Chlorophyll—Life's Greatest Chemical	530	Doctor of Science	533
Cinchona Bark Assays, Compa- son of	535	Drug Companies, Chain, Prac- tices of—Witte—Book Re- view	205
Clays	405	Drug Institute Formation	313
Cocaine and Novocaine, Identifi- cation of	326	Drug Market Reports—P. P. A. —1933	453
Cocaine and Novocaine, Identifi- cation of	374	Drugs, Animal, Past and Present	467
Cocaine—Crystallography of	331	Drugs on Cells, the Mode of Ac- tion of—Clark—Book Re- view	482
Cochineal, Solvents of	418	Dust	280
Copper, Test for	25	Earth Worms as Medicine	311
Copper, Test for, Beta-Naphthol	62	Eating in All Languages	213
Corn Silk	480	Editorials, 1, 49, 95, 155, 209, 257, 260, 315, 318, 371, 429, 485, 487, 531, 533, 571.	51
Corundum	413	Editorial, Selected	51
Cosmetics, Preservation of	565	Education in Terms of Obligation	70
Cosmetics, Turtle Oil in	248	Enzymes, Chemistry of	12
Cyanides, Antidotes	601	Enzymes, Classification	126
Cystine	569	Ephedrine Spray	423
Deguelin	89	Ergosterol	137
Deniges—Oliver Test	29		
Depilatories, Non-Sulfide	369		
Derris Root, Assay	601		

PAGE	PAGE		
Ergot Assays	419	Heart Disease, Increase	41
Ergot Extract	421	Heroine, Microscopy of	436
Ether Preserved With Hydro-		Hippuran	604
quinone	440	Hospital Pharmacy	61
Eukodid	567	Humidification	274
Eupatheoscope	287	Hydrogen Peroxide, Stabilization	603
Evipan	534	Hydrogen Peroxide, Strong	44
Fluorescence	563	Hydroquinone Preservative for	
Fluoride Poisoning	38	Ether	440
Food and Drug Control—The		Inks, Colored, Waterproof	569
New Deal	429	Insects as Food	226
Food and Drugs Act—1933	366	Iodine and Acne	358
Food Poisoning	603	Juices, Bottled, Light Effects on	553
Foods, Chemical Composition of		Licorice	202
Certain	547	Light Effects on Bottled Juices ..	553
Foods, Chinese, Rich in Minerals	452	Linoleic Acid	576
Foods, International	229	Liquor Azorubri	422
Foods, New	227	Liquor Tartrazinæ	422
Furfural Tests	365	Lumisterin	91
Gallotannic Acid Solutions	417	Magnesia Magma With Mineral	
Gardening With Herbs—Fox—		Oil	422
Book Review	207	Magnesium Sulphate Paste	423
Garnet	392	Manganese, Test for	59
Germicidal Power Tests	241	Maleic Acid, Anti-Rancidity	147
Glycine	510	Medical and Pharmaceutical Notes	
Glycocoll	510	38, 88, 145, 201, 248, 307, 359,	
Gold—A King and a Servant ...	76	417, 478, 522, 565, 599.	
Gold—Chemical and Physical		Medicines, Supervision of	51
Properties	82	Menthol and Camphor, Bacteri-	
Hair Chemistry	171	cidal Efficiency of	490
Hair Color	172	Merck Research Laboratory	
Hair Follicle, Diagram of	165	Dedication	255
Hair, Human, Story of	159	Mercury in Fur and Wool	248
Hair Preparations	180	Microscope History	588

PAGE	PAGE		
Microscope in Pharmacy	588	Oroya Fever	50
Ml. vs. c. c.	522	Owens—Actor	527
Morphine, Production of Pseudo Morphine From	503	Pain and Rest	288
Morphine Substitutes	567	Palolo	219
Morrhuate, Sodium Variation ...	362	Pantothenic Acid	528
News Items and Personal Notes 45, 93, 148, 253, 311,		Para-Nitrophenyl-Acetyl-Hydra- zine, 2,4-Dinitrophenyl-Acetyl- Hydrazine and 2,4,6-Trini- trophenyl-Acetyl-Hydrazine..	551
Nicotine Poisoning	158	Paracelsus	307
Nipagin	565	Paraffin and Agar Agar Emul- sions	519
Nipasol	565	Parathyroid Hormone	427
Nitrophenyl—Acetyl—Hydrazines as Indicators	551	Percolation, Correspondence— LaWall-Kremers	246
Novocaine, Crystallography of ..	331	Percolation, Studies in ..	244, 289, 340
Nox-Ben-OI	568	Peroxide of Hydrogen, Stabiliza- tion	603
Obesity, Danger of Dinitrophenol	600	Philadelphia College of Pharmacy and Science, Founder's Day Address	99
Obesity, Dinitrophenol in	568	Philadelphia College of Pharmacy and Science, Founder's Day Exercises	148
Obituaries—		Philadelphia College of Pharmacy and Science, One Hundredth Annual Commencement ..	353
Boerner, Emil L.	312	Pharmaceutical Pocket Book— Book Review	605
Oestrus—Producing Hormone, Standards for	513	Pharmacetics, Text Book of— Bentley—Book Review	153
Oil, Cod Liver, Vitamins in	583	Pharmacopœial Vitamins	583
Oil, Turtle	248	Pharmacy and State Medicine ..	371
Oils, Cod Liver—Blue Value of..	428	Pharmacist—Responsibilities in Prescription Compounding ..	594
Oils, Fish—Liver, Classification of	425	Pharmacy, Carelessness in Liter- ature of	487
Ointment Bases for Bactericidal Agents	194		
Ointment, Pagenstecher	251		
Ointment, Yellow Mercuric Oxide	251		
Ointments, Phenol, Bactericidal Efficiency	186		
Oleum Lumbricori	311		
Opium Assays, Comparisons of ..	458		
Organic Compounds, Spot Tests.	363		

PAGE	PAGE		
Pharmacy, Galenical	441	Rest and Pain	288
Pharmacy, Hospital	61	Rotenone	88, 601
Pharmacy in Russia	365	Rotenone, Color Test for	89
Pharmacy, Principles of—		Rouge	408
Mackie—Book Review	152	Russia, Pharmacy in	365
Pharmacy, Research	99	Salicylic Acid, Test for	59
Phenacetin, Stabilizer	603	Saliva, Amylase in	570
Phenol Ointments, Bactericidal		Sand	492
Efficiency of	186	Science Draws Veil Off Creation	485
Phenols, Test for	25	Science Lectures Program	46
Phosphine Production	310	Science Progress of, 1932	1
Physician and Pharmacist	257	Scriptures and the Apothecary ..	554
Pigments, Urinary, Production of	30	Senses—Left-Handed	526
Plants, Gas Stimulation	42	Silica	395
Plant Names—Bailey—Book Re-		Silicosis	283
view	529	Silver Sickness	484
Plants, X-Ray Stimulation	42	Smoking and Blood Changes ...	308
Poison Spider	567	Soap, Castor Oil	479
Poisons, Food	603	Sodium Fluoride Poisoning	38
Prescription Department Analyses	478	Sodium Metal, Cleaning	310
Prescription Errors, Liability of		Sodium Morrhuate Variation ...	362
Pharmacist	594	Sodium Nitrite Poisoning	359
Prolactin	9	Sodium the Metal	481
Pseudo Morphine From Morphine		Sodium Tetrathionate, Cyanide	
—Production of	503	Antidote	601
Pseudo Morphine—Properties of	511	Solution, Barker's	602
Psyllium Seed, Properties of ...	433	Solution, Duplas'	602
Pumice	406	Solution, Chaput's	602
Pyridine Tests	364	Solution, Kroenig's	602
Radiation Output of Ultra Violet		Solution, Chaput's Alcohol	602
Lamps	36	Solution, Tuffiers'	602
Reptiles as Food	222	Soricin	9
Research Advances in Pharmacy	99		
Research, Botanical	531		

PAGE	PAGE		
Spalding's "New Nomenclature of Chemistry"	309	Tragacanth Paste	424
Spectrum of Urobilin	32	Triacontane	580
Spectrum of Tetiothalein Sodium	199	Tripang	219
Spiders, Poison	567	Tripoli	403
Spinal Analgesic Solutions	602	Turtle Oil	248
Squibb, Historical Exhibit	253	Ultra Violet Lamps, Radiation Output of	36
State Ceremony, Unusual	49	Urinalysis—Gershenfeld—Book Review	370
Sterol	581	Ventilation	266
Strophanthus Tests	425	Vincent's Angina, Treatment of..	319
Strychnine Antidote	146	Vitamin	90
Strychnine Poisoning, Amytal Treatment	369	Vitamin A and Carotene	486
Sulphur and Arthritis	569	Vitamin Chart	525
Sulphur, Determination of	417	Vitamin—Constitution	525
Suprasterin	91	Vitamin Sources	24
Syrup of Glycerophosphates	424	Vitamin Standards	583
Tablets, Poison, Warning Odor ..	63	Vitamins	14
Tachysterin	91	Vitamin, Pharmacopeial	583
Tannin in Burns	252, 307	Wanted—A Leader	318
Tar, Coal, Cancer	43	Water, Light and Heavy	317
Tartrate Baking Powder, Bibli- ography	306	Watermelon Juice, Diuretic Prop- erties of	53
Tartrates in Baking Powder	301	Water, Nine Kinds of	360
Technocracy and the Drug Store	95	Water, Triple Distilled	249
Tephrosin	89	Word, Longest	234
Texts From a Chemistry Lecture —Editorial	571	Wounds, Binding Up	260
Tobacco and Carbon Monoxide in Blood	203	Yarrow	573
The Shape of Things to Come— Wells—Book Review	606	Yeast Analysis	113
		Yeast in Welfare and Industry ..	114
		Yeast Manufacture	131
		Zein	480

